EXHIBIT 2

bec: G. P. Abramo P. J. Clune

T. M. Cordano

D. M. Crann

P. N. DiGiovanni

F. B. Fitch

B. M. Harney

A. P. Johnson

J. M. Kenna

G. L. Kohlenberger

S. D. Pryor

J. D. Reichel

G. F. Schulz

F. B. Walker

R. J. Whitmore

R. J. Wolff

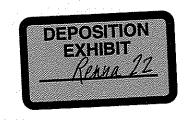
OXYGENATED/REFORMULATED GASOLINE MANAGEMENT REVIEW

CC: MLE

DC: JDR

Note: 2 sided document

XOM-MT00921-000470



- In order to reduce our oxygenated gasoline requirements by about 40 TBD, Marketing will resource about 15 TBD of gasoline and incur a penalty of about \$500 M annually.
- Marketing will support plans to optimize finished products tankage by accommodating terminal blending of mid-grade gasoline at 36 locations (in addition to Phoenix) and will require capital of about \$11 MM in 1991 and 1992. A detailed listing of Marketing Terminal Capital requirements is shown in Exhibit 12.
- Marketing is currently performing a study of our Northeast distributor volume to more accurately determine the oxygenated/conventional split. We do not expect these results to vary significantly from our current estimates.

OXIGENATED GASOLINE ECONOMICS

In summary, the cost of oxygenated gasoline combining oxygenate laid down cost in excess of its octane value, increased New York Harbor gasoline tankage cost and Marketing resourcing cost totals about \$53 MM annually. This excludes incremental Manufacturing operating costs as well as the costs associated with the potential loss of Gulf/Harbor trading and the carrying costs of higher inventories all of which are currently under review.

COMPETITIVE OXYGENATE SUPPLY/DEIGAND

As shown in Exhibit 13, Mobil and Shell have the largest oxygenate requirements measured in terms of MTBE equivalents with demands of about 35 TBD. Arco follows a close second with 30 TBD, however, their requirements are all on the West Coast which is particularly difficult to supply. If we were to offset these requirements with known MTBE production capability plus assumed MTBE supplies necessary to support current sales of "reformulated/oxygenated" gasoline, Mobil and Shell continue to have the greatest shortfall, while Arco Products has sufficient access to MTBE from Arco Chemical, the world's largest MTBE producer.

CONTINGENCY PLAN-ETHANOL BACKUP

In the event that sufficient MTBE supply is judged not to be available by about September 1991 (9-12 months prior to commencement of oxygenated fuel production), ethanol might be used to replace MTBE at the following terminals:

Boston Paulsboro Malvern Syracuse Sub-total	MTBE (TBD) 2.8 1.9 1.8 1.1	ETHANOL (TBD) 1.9 1.3 1.2 0.7 5.1	(SMM) 1.5 1.8 0.6 0.7 4.6
Service Station Cost	s (Filters, etc.)		0.2
Total	XOM	-MT00921-000576	4.8

Use of ethanol instead of MTBE at the terminals listed above reduces USM&R's MTBE requirements by almost 20%. Ethanol requirements of 5.1 TBD assume blending 10% to gasoline to obtain the Federal Excise tax exemption of 5.4 cpg for gasohol. Although some octane giveaway would result, overall operating costs are expected to be lower with ethanol than MTBE. These are currently being estimated.

Capital requirements are scoping estimates of facilities needed to receive and blend ethanol at the terminals. Terminal blending is necessary since gasoline blended with ethanol is not permitted via pipeline. Based on our experience at Phoenix, the construction period needed to install the facilities will be about nine to twelve months.

The Boston, Paulsboro and Malvern terminals have been selected due to their proximity to ethanol supply sources. Archer Daniels Midland (ADM) has indicated that they are in the process of obtaining tankage at Paulsboro, NJ and Revere, MA for ethanol storage. At East Boston, ethanol would be received by barge and at Paulsboro and Malvern, it would be available by rail or truck. In case the facilities to receive and blend ethanol at the terminals are not operating in time, ADM has indicated a willingness to splash blend ethanol into partially loaded trucks at their terminals until Mobil's facilities are operational.

Syracuse will be supplied with ethanol by rail from ADM's facilities in the Midwest. Truck receipt into the terminal can be achieved by transferring the ethanol from railcars to trucks at a rail siding adjacent to the terminal although this is not a recommended procedure.

In addition to the terminals listed above, ethanol might also be considered as a contingency at the Vernon and Atwood terminals. Although ADM does not currently have any ethanol storage in California, they will consider ethanol supplies on the West Coast if they have sufficient long term commitments from the industry.

XOM-MT00921-000577

ERNATIVE FUELS ACTIVITY	
COMPETITIVE	
-	
I IN	
ب	

from Santa Barbara to San Diego Premium. Introduced in S. California. 87 in Colorado 100 100 100 100 100 100 100 1	OMPANY	ACTION/PLANS X	MAX RVP SUMMER	MAX AROM MAX BENZ MAX SULF VOL % VOL % PPM	MAX BENZ VOL %	MAX SULP PPM	TYPICAL WT% OXY	TIMING	MAX RVP MAX AROM MAX BENZ MAX SULF TYPICAL TIMING REFERENCE. SUMMER VOL % VOL % PPM WT% OXY
Reformulated Premium - EC-Premium. Introduced in S. Califomia. 60 MIS California up to 25 Stations Reformulated Gasoline - *RG-87 in Colorado 0.05 w/76 Sulfur Diesel for Philadelphia Area Reformulated Gasoline - Target Philadelphia Area Reformulated Gasoline - Target Philadelphia Area Reformulated Gasoline - Target Philadelphia Culted 'ECOCILEAN' MIS Distribution Test Stations in Detroit and Washington DC Lower RVP Gasoline (9.5 psi) in N. Illinois/NW Indiana Area CNG - 4 Stations in Derwer, Northgren, Boulder, Longmont. Joint program with Colorado Public Service. Opened a CNG station in Washington DC. Reduced Emissions Gasoline - 15% MTBE in 2 grades - Meets CAA 1992 CO area standards. Introduction in Virginala/DC/Balfimore market. Reformulated Gasoline - SU2000B for 9 coors non-attainment areas plus Washington DC. It will replace carrest SU2000 MIS - 2 Stations seach in No and So California CNG - Joint program with Realific Gas to Northern CA. Number of stations unknown. MIS - Up to 5 Stations in California Reformulated Gasoline - Reduced RVP in 40 major markets only. Winter Blend in Virginia, Baltimore, Boston, Wash DC, & Spokane WA markets MIS - Up to 25 Stations in California Reformulated Gasoline - Replace current SUL in LA, San Diego. Will introduce in Houston and Baltimore active this summer. (Delayed Houston & Bait). Reformulated Gasoline - Repular Uniteaded Plus' in St. Louis Reformulated Gasoline - *Superrlean Uniteaded Plus' in St. Louis Reformulated Gasoline - *Superrlean Unleaded Plus' in St. Louis Reformulated Gasoline - *Superrlean Unleaded Plus' in St. Louis Reformulated Gasoline - *Superrlean Unleaded Plus' in St. Louis Reformulated Gasoline - *Superrlean Unleaded Plus' in St. Louis Reformulated Gasoline - *Superrlean Unleaded Plus' in St. Louis Reformulated Gasoline - *Superrlean Unleaded Plus' in St. Louis Reformulated Gasoline - *Superrlean Unleaded Plus' in Colorado sel Reformulated Gasoline - *Superrlean Unleaded Plus' in Colorado sel Detroit Service Stations in Colorado sel Detroit St	00		8.5	20	-	300	1.0	Scpt - 1989 Apr - 1990	U.S. Oil Week Petroscan
M&S California up to 25 Stations Reformulated Gasoline - *RG-87* in Colorado OLS wife Sulfur Diezel for Philadelphia Area Reformulated Gasoline - Target Philadelphia eulted "ECOCLEAN" M&S Distribution Test Stations in Detroit and Washingron DC Lower RVP Gasoline (9.5 psi) in N. Illinois/NW Indiana Area CNG - 4 Stations in Derovet, Northgenn, Boulder, Longmont. Joint program with Colorado Public Service. Opened a CNG station in Washingron DC. Reduced Emissions Gasoline - 15% MINBE in 3 grades - Meets CAA 1992 CO area Redorded Emissions Gasoline - 15% MINBE in 3 grades - Meets CAA 1992 CO area Redormulated Gasoline - 15% MINBE in 3 grades - Meets CAA 1992 CO area Reformulated Gasoline - SUZOODE for 9 cooren non-altainment areas plus Washingron DC. It will replace current SUZOOO M&S - 2 Stations each in No and So California CNG - Joint program with Pacific Gas in Northern CA. Number of stations unknown. M&S - Up to 5 Stations in California Reformulated Gasoline - Reduced RVP in 40 major markets in SUL and IUL. 5.5% MIBB in NY and LA (premium) markets only. Winter Blend in Virginia, Baltimore, Boeton, Wash DC, & Spokane WA markets MSS - Up to 25 Stations in California Reformulated Gasoline - Replaces current SUL in LA, San Diego. Will introduce in Houston and Baltimore later this summer. (Delayed Houston & Balt). Reformulated Gasoline - Replaces current SUL in Ind. San Diego. Will introduce in Houston and Baltimore later this summer. Reformulated Gasoline - Superclean Unleaded Flus' in Golorado Reformulated Gasoline - Superclean Unleaded Flus' in Solorado Reformulated Gasoline - Superclean Unleaded Flus' in Solorado Reformulated Gasoline - Superclean Unleaded Flus' in Solorado Reformulated Gasoline - Superclean Unleaded Plus' in Solorado Reformulated Gasoline - Superclean Unleaded grade in Detroit GNG program in Southwest Will with Univ of Wir. Also part of Natural Fivel program in Southwest Will with Univer Superclean Unleaded Savoline - Superclean Ploat Jose Superclean Unleaded Plus			8.0	22	-	300	1.5	Sept - 6 - 1990	Platts 9/6/90
Reformulated Gasoline - *RG-87* in Colonado OLS wt% Sulfur Diezel for Philadelphia Area Reformulated Gasoline - Target Philadelphia called "ECOCILEAN" MIS Distribution Test Stations in Detroit and Washington DC Lower RVP Gasoline (9.5 ps) in N. Illinois/NW Indiana Area CNG - 4 Stations in Derevet, Northglenn, Boulder, Longmont. Joint program with Colorado Public Service. Opened a CNG station in Washington D.C. Reduced Emissions Gasoline - 15% MTBE in 3 grades - Meets CAA 1992 CO area standards. Introduction in Virginia/DC/Baltimore market. Reduced Emissions Gasoline - 15% MTBE in 3 grades - Meets CAA 1992 CO area standards. Introduction in Virginia/DC/Baltimore market. Redomulated Gasoline - SU2000B for 9 ozone non-altainment areas plus Washington D.C. It will replace current SU2000 MIS - 2 Stations each in No and So California CNG - Joint program with Pacific Gas in Northern CA. Number of stations unknown. MIS - Up to Stations in California Reformulated Gasoline - Reduced RVP in 40 anajor markets only. Winter Blend in Virginia, Baltimore, Boston, Wash D.C. & Spokane WA markets MIS - Up to 25 Stations in California Reformulated Gasoline - Replaces current SUL in LA, San Diego. Will mitroduce in Houston and Baltimore later this summer. (Delayed Houston & Balt). Reformulated Gasoline - Replaces current SUL, in LA, San Diego. Will Reformulated Gasoline - Replaces current SUL, in LA, San Diego. Will Reformulated Gasoline - Superchean Unleaded Plus' in Solona **Colorado Reformulated Gasoline - Superchean Unleaded Plus' in Solona Reformulated Gasoline - Superchean Unleaded Plus' in Sol Louis Reformulated Gasoline - Superchean Unleaded Plus' in St. Louis Reformulated Gasoline - Superchean Unleaded Plus' in St. Louis Reformulated Gasoline - Superchean Unleaded Plus' in St. Louis CNG program in Southwest Wisconani plus in Colorado Reformulated Gasoline - Superchean Unleaded Plus' in St. Louis Produced program supply of CNG Service Stations in Colorado.	7.000.00							Began 1988	·
0.05 w/% Sulfur Diesel for Philadelphia Area Rdomulated Gasoline - Target Philadelphia atted "ECOCLEAN" MS Distribution Test Stations in Detroit and Washington DC Lower RVP Gasoline (9.5 psi) in N. Illinois/NW Indiana Area CNG - 4 Stations in Denver, Morthgenn, BouMer, Longmont. Joint program with Colorado Public Service. Opened a CNG station in Washington D.C. Reduced Emissions Gasoline - 15% MTBE in 3 grades - Meets CAA 1992 CO area standards. Introduction in Virginia/DC/Baidmore market. Reduced Emissions Gasoline - 15% MTBE in 3 grades - Meets CAA 1992 CO area standards. Introduction in Virginia/DC/Baidmore market. Reformulated Gasoline - SUZXXXX E for 9 coone non-attainment areas plus Washington DC. It will treplace curreat SU2000 MSS - 2 Stations cach in No and So California CNG - Joint program with Pacific Gas in Northern CA. Number of stations unknown. MSS - Up to 5 Stations in California Reformulated Gasoline - Reduced RVP in 40 major markets in SUL and Reformulated Gasoline - Reduced RVP in 40 major markets only. Witater Blend in Virginia, Baltimore, Boston, Wash DC, & Spokane WA markets MSS - Up to 25 Stations in California Reformulated Gasoline - Replaces current SUL in LA, San Diego. Will introduce in Houston and Baltimore later this summer. (Delayed Houston & Bait). Reformulated Gasoline - Replace Unleaded Flust' in St. Louis Reformulated Gasoline - Repular Unleaded Flust' in St. Louis Reformulated Gasoline - Superrelan Unleaded Plus' in St. Louis Reformulated Gasoline - Superrelan Unleaded Plus' in St. Louis Reformulated Gasoline - Superrelan Unleaded Plus' in St. Louis Reformulated Gasoline - Superrelan Unleaded Plus' in St. Louis Reformulated Gasoline - Superrelan Unleaded Plus' in St. Louis Reformulated Gasoline - Superrelan Unleaded Plus' in St. Louis Reformulated Gasoline - Superrelan Unleaded Plus' in St. Louis Reformulated Gasoline - Superrelan Unleaded Plus' in St. Louis Reformulated Gasoline - Superrelan Unleade Gasoline - Superrelan Inteladed Gasoline - Su	2000000		28.5	20	1	300	2.0	Decem - 1989	U.S. Oil Week
Reformulated Gasoline - Target Philadelphia catted 'ECOCLEAN" M85 Distribution Test Stations in Detroit and Washington DC Lower RVP Gasoline (9.5 psi) in N. Illinols/NW Indiana Area CNG - 4 Stations in Derwer, Northglem, Boulder, Longmont. Joint program with Colorado Public Service. Opened a CNG station in Washington D.C. Reduced Emissions Gasoline - 15% MTBE in 3 grades - Meets CAA 1992 CO area standards. Introduction in Virgina/DC/Baltimore market. Reformulated Gasoline - SU2000E for 9 coone non-attainment areas plus Washington DC. It will replace curreat SU2000 M85 - 2 Stations cach in No and So California CNG - Joint program with Pacific Gas in Northern CA. Number of stations unknown. M85 - Up to S Stations in California Reformulated Gasoline - Reduced RVP in 40 major markets only. Winter Blend in Virginia, Baltimore, Boston, Wash DC, & Spokane WA markets M85 - Up to 25 Stations in California Reformulated Gasoline - Replaces current SUL in LA, San Diego. Will introduce in Houston and Baltimore later this summer. (Delayed Houston & Balt). Reformulated Gasoline - Replaces current SUL in LA, San Diego. Will introduce in Houston and Baltimore later this summer. (Delayed Houston & Balt). Reformulated Gasoline - Replace uniteded Flus' in Colorado Reformulated Gasoline - Superrelan Unleaded Flus' in Scious Reformulated Gasoline - Superrelan Unleaded Flus' in Sciousis CNG program in Southwest Visconsin joint with Univ of Wis. Also part of Natural Fuds program supply of CNG Service Stations in Colorado.	*********							Jan 1989	U.S. Oil Week
M&S Distribution Test Stations in Detroit and Washington DC Lower RVP Gasoline (9.5 psi) in N. Illinois/NW Indiana Area CNG - 4 Stations in Denver, Northglem, Boulder, Longmont. Joint program with Colorado Public Service. Opened a CNG station in Washington D.C. Reduced Emissions Gasoline - 15% MTBE in 3 grades - Meets CAA 1992 CO area standards. Introduction in Virginia/DC/Baltimore market. Reformulated Gasoline - SU2000E for 9 ozone non-attainment areas plus Washington DC. It will replace current SU2000 M85 - 2 Stations cach in No and So California CNG - Joint program with Pacific Gas in Northern CA. Number of stations unknown. M85 - Up to 5 Stations in California Reformulated Gasoline - Reduced RVP in 40 major markets only. Whater Blend in Virginia, Baltimore, Boston, Wash DC, & Spokane WA markets Winter Blend in Virginia, Baltimore, Boston, Wash DC, & Spokane WA markets Wish - Up to 25 Stations in California Reformulated Gasoline - Replaces current SUL in LA, San Diego. Will introduce in Houston and Baltimore later this summer. (Delayed Houston & Balt). Reformulated Gasoline - Replace in Colorado and Montana Reformulated Gasoline - Regular Unleaded Grade in Montana "Ullrackan Ret LPG" for introduction in Midwest. Reformulated Gasoline - Superrkan Unleaded Plus" in Colorado Reformulated Gasoline - Superrkan Unleaded Plus" in Colorado Reformulated Gasoline - Superrkan Unleaded Plus" in Colorado Reformulated Gasoline - Suberrkan Unleaded Plus" in Colorado Reformulated Gasoline - Suberrkan Unleaded Plus" in Colorado Reformulated Gasoline - Suberrken Unleaded Plus" in Colorado Reformulated Gasoline - Suberrken Unleaded Flus" in Colorado Reformulated Gasoline - Suberrken Unleaded Flus" in Colorado Reformulated Gasoline - Suberrken Unleaded Flus" in Colorado Reformulated Gasoline - Suberrken Unleaded Orde in Montana	Conscion							Q1-2 1990	Petroscan
Lower RVP Gasoline (9.5 psi) in N. Illinois/NW Indiana Area CNG - 4 Stations in Denver, Northglenn, Boulder, Longmont. Joint program with Colorado Public Service. Opened a CNG station in Washington D.C. Reduced Emissions Gasoline - 15% MTBE in 3 grades - Meets CAA 1992 CO area standards. Introduction in Virginia/DC/Baltimore market. Redoced Emissions Gasoline - 15% MTBE in 3 grades - Meets CAA 1992 CO area standards. Introduction in Virginia/DC/Baltimore market. Reformulated Gasoline - SU2000E for 9 coone non-attainment areas plus Washington DC. It will replace current SU2000 MS5 - 2 Stations each in No and So California CNG - Joint program with Paetific Gas in Northern CA. Number of stations unknown. MS5 - Up to 5 Stations in California Reformulated Gasoline - Reduced RVP in 40 major markets in SUL and IUL. 55% MTBE in NY and LA (premium) markets only. Winter Blend in Virginia, Baltimore, Boston, Wash DC, & Spokane WA markets MS8 - Up to 25 Stations in California Reformulated Gasoline - Replaces current SUL in LA, San Diego. Will Introduce in Houston and Baltimore later this summer. (Delayed Houston & Balt). Reformulated Gasoline - Regular Unleaded in Colorado and Montana Reformulated Gasoline - Regular Unleaded Flus* in Colorado Reformulated Gasoline - Superrelean Unleaded Plus* in St. Louis Reformulated Gasoline - Superrelean Unleaded Plus* in St. Louis Reformulated Gasoline - Ameraclean* - 3 unleaded grades in Detroit CNG program in Southwest Wisconain Joint with Univ of Wis. Also part of Natural Fwds program supply of CNG Service Stations in Colorado.		M8S Distribution Test Stations in Detroit and Washington DC						Q1 1990	U.S. Oil Week
CNG - 4 Stations in Denver, Northgenn, Boulder, Longmont. Joint program with Colorado Public Service. Opened a CNG station in Washington D.C. Reduced Emissions Gasoline - 15% MTBE in 3 grades - Meets CAA 1992 CO area standards. Introduction in Virginia/DC/Baltimore market. Reformulated Gasoline - SU2000E for 9 ozone non-attainment areas plus Wasthington DC. It will replace current SU2000 M65 - 2 Stations each in No and So California CNG - Joint program with Paetife Gas in Northern CA. Number of stations unknown. M65 - Up to 5 Stations in California Reformulated Gasoline - Reduced RVP in 40 major markets only. Winter Blred in Virginia, Baltimore, Boston, Wash DC, & Spokane WA markets Reformulated Gasoline - Reduced RVP in Lin LA, San Diego. Will introduce in Houston and Baltimore later this summer. (Delayed Houston & Balt). Reformulated Gasoline - Replaces current SUL in LA, San Diego. Will introduce in Houston and Baltimore later this summer. (Delayed Houston & Balt). Reformulated Gasoline - Regular Uniteaded Grade in Montana "Uliraclean Fleet LPG" for introduction in Midwest. Reformulated Gasoline - Superrelaen Unleaded Plus' in Colorado Reformulated Gasoline - Superrelaen Unleaded Plus' in St. Louis Reformulated Gasoline - Superrelaen Unleaded grades in Detroit Reformulated Gasoline - Superrelaen Unleaded grades in Detroit Reformulated Gasoline - Amerackan' - 3 unleaded grades in Detroit Prods program in Southwest Wisconain joint with Univ of Wis. Also part of Natural Fude program supply of CNG Service Stations in Colorado	Dog Sir	Lower RVP Gasoline (9.5 psi) in N. Illinois/NW Indiana Area						June - 1990	U.S. Oil Week
Reduced Emissions Gasoline - 15% MTBE in 3 grades - Meets CAA 1992 CO area standards. Introduction in Virginia/DC/Baltimore market. Reformulated Gasoline - SU2000E for 9 ozone non-attainment areas plus Washington DC. It will replace curreat SU2000 M85 - 2 Stations each in No and So California CNG - Joint program with Pacific Gas in Northern CA. Number of stations unknown. M85 - Up to 5 Stations in California Reformulated Gasoline - Reduced RVP in 40 major markets in SUL and IUL. 5.5% MTBE in NY and LA (premium) markets only. Winter Blend in Virginia, Baltimore, Boston, Wash DC, & Spokane WA markets Winter Blend in Virginia, Baltimore, Boston, Wash DC, & Spokane WA markets Winter Blend in Virginia, Baltimore later this summer. (Delayed Houston & Balt). Reformulated Gasoline - Replaces current SUL in LA, San Diego. Will introduce in Houston and Baltimore later this summer. (Delayed Houston & Balt). Reformulated Gasoline - Regular Unleaded Grade in Montana Reformulated Gasoline - Regular Unleaded Flus' in Colorado Reformulated Gasoline - Superrelean Unleaded Plus' in St. Louis Reformulated Gasoline - Superrelean Unleaded Plus' in St. Louis Reformulated Gasoline - Superrelean Unleaded Plus' in St. Louis Reformulated Gasoline - Superrelean Unleaded Brades in Detroit Reformulated Gasoline - Superrelean Unleaded Brades in Detroit Program in Southwest Wisconsin joint with Univ of Wis. Also part of Natural Fuels program supply of CNG Service Stations in Colorado.		CNG - 4 Stations in Denver, Northglenn, Boulder, Loagmont. Joint program with Colorado Public Service. Opened a CNG station in Washington D.C.	November 1981			_		Begin 1990	Platt's Oilgram 12/21/89
Reformulated Gasoline - SU2000E for 9 coone non-attainment areas plus Wasthington DC. It will replace curreat SU2000 M85 - 2 Stations each in No and So California CNG - Joint program with Pacific Gas in Northern CA. Number of stations unknown. M85 - Up to S Stations in California Reformulated Gasoline - Reduced RVP in 40 major markets only. Winter Blend in Virginia, Baltimore, Boston, Wash DC, & Spokane WA markets IUL. 5.5% MTBB in NY and LA (premium) markets only. Winter Blend in Virginia, Baltimore, Boston, Wash DC, & Spokane WA markets Reformulated Gasoline - Replaces current SUL, in LA, San Diego, Will introduce in Houston and Baltimore later this summer. (Delayed Houston & Balt). Reformulated Gasoline - Replaces current SUL, in LA, San Diego, Will introduce in Houston and Baltimore later this summer. (Delayed Houston & Balt). Reformulated Gasoline - "RXL" beaded in Colorado and Montana Reformulated Gasoline - "Supervlean Unleaded Plus" in Colorado Reformulated Gasoline - "Supervlean Unleaded Plus" in St Louis Reformulated Gasoline - "Supervlean Unleaded Plus" in St Louis Reformulated Gasoline - "Supervlean Unleaded Plus" in St Louis Reformulated Gasoline - "Supervlean Unleaded Plus" in St Louis Reformulated Gasoline - "Ameraclean" - 3 unleaded grades in Detroit CNG program in Southwest Wisconsin Joint with Univ of Wis. Also part of Natural Fwels program supply of CNG Service Stations in Colorado.		Reduced Emissions Gasoline - 15% NTBE in 3 grades - Meets CAA 1992 CO area standards. Introduction in Virginia/DC/Baltimore market.	0.0	ጵ	~	No Spec	2.7	Nov - 11 - 1990	Wash Posi
M8S - 2 Stations each in No and So California CNG - Joint program with Pacific Gas in Northern CA. Number of stations unknown. M8S - Up to 5 Stations in California Reformulated Gasoline - Reduced RVP in 40 major markets in SUL and IUL. 5.5% MTBB in NY and LA (premium) markets only. Winter Blend in Virginia, Baltimore, Boston, Wash DC, & Spokane WA markets IUL. 5.5% MTBB in NY and LA (premium) markets only. Winter Blend in Virginia, Baltimore, Boston, Wash DC, & Spokane WA markets M8S - Up to 25 Stations in California Reformulated Gasoline - Replaces current SUL in LA, San Diego. Will introduce in Houston and Baltimore later this summer. (Delayed Houston & Balt). Reformulated Gasoline - *Replaces current sultur, 30% aromatics Reformulated Gasoline - "Superclean Unleaded Fluw" in Colorado Reformulated Gasoline - "Superclean Unleaded Pluw" in St Louis Reformulated Gasoline - "Superclean Unleaded Pluw" in St Louis Reformulated Gasoline - "Superclean Unleaded Pluw" in St Louis Reformulated Gasoline - "Ameraclean" - 3 unleaded grades in Detroit CNG program in Southwest Wisconsin Joint with Univ of Wis. Also part of Natural Fuels program supply of CNG Service Stations in Colorado.	***************************************	Reformulated Gasoline - SU2000B for 9 exone non-attainment areas plus Washington DC. It will replace current SU2000	8.0-8.5	No Spec	No Spec	No Spec	1,0	Apr-11-1990	News Release
CNG - Joint program with Pacific Gas in Northern CA. Number of stations unknown. MRS - Up to S Stations in California Reformulated Gasoline - Reduced RVP in 40 major markets in SUL and IUL. \$.55% MTBE in NY and LA (premium) markets only. Winter Blend in Virginia, Baltimore, Boston, Wash DC, & Spokane WA markets MRS - Up to 25 Stations in California Reformulated Gasoline - Replaces current SUL in LA, San Diego. Will introduce in Houston and Baltimore later this summer. (Delayed Houston & Balt). Reformulated Gasoline - Regular Unleaded Grade in Montana 'Uliraclean Fleet LPG" for introduction in Midwest. Reformulated Gasoline - Superclean Unleaded Plus" in Colorado Reformulated Gasoline - Superclean Unleaded Plus" in St Louis Reformulated Gasoline - Superclean Unleaded Plus" in St Louis Reformulated Gasoline - Superclean Unleaded Plus" in St Louis Reformulated Gasoline - Amerackean" - 3 unleaded grades in Detroit CNG program in Southwest Wisconsin joint with Univ of Wis. Also part of Natural Fuels program supply of CNG Service Stations in Colorado.		M85 - 2 Stations each in No and So California	o justo.					Q4 1991	N.Y. Times
M85 - Up to 5 Stations in California Reformulated Gastoline - Reduced RVP in 40 major markets in SUL and Reformulated Gastoline - Reduced RVP in 40 major markets only. Winter Blend in Virginia, Baltimore, Boston, Wash DC, & Spokane WA markets M85 - Up to 25 Stations in California Reformulated Gastoline - Replaces current SUL in LA, San Diego. Will Reformulated Gastoline - Replaces current SUL in LA, San Diego. Will Reformulated Gastoline - Replaces current SUL in LA, San Diego. Will Reformulated Gastoline - Replaces current SUL in Manana Reformulated Gastoline - Regular Unleaded Grade in Montana Reformulated Gastoline - Regular Unleaded Grade in Montana Vullraclean Fleet LPG* for introduction in Midwest. Reformulated Gastoline - Superclean Unleaded Plus* in Colorado Reformulated Gastoline - Superclean Unleaded Plus* in St Louis Reformulated Gastoline - Ameriachean* - 3 unleaded grades in Detroit CNG program in Southwest Wisconslin Joint with Univ of Wis. Also part of Natural Fuels program supply of CNG Service Stations in Colorado.		CNG - Joint program with Pacific Gas in Northern CA. Number of stations unknow		• • • • •				1991/92	Petroscan
Reformulated Gasoline - Reduced RVP in 40 major markets in SUL and IUL. 5.5% MTBE in NY and LA (premium) markets only. Winter Blend in Virginia, Baltimore, Boston, Wash DC, & Spokane WA markets M85 - Up to 25 Stations in California Reformulated Gasoline - Replaces current SUL in LA, San Diego. Will introduce in Houston and Baltimore later this summer. (Delayed Houston & Balt). Reformulated Gasoline - Replaces current sulture, 30% aromatics Reformulated Gasoline - "RXL" leaded in Colorado and Montana Reformulated Gasoline - Regular Unleaded Grade in Montana 'Ulizaclean Fleet LPG" for introduction in Midwest. Reformulated Gasoline - Superclean Unleaded Plus" in Colorado Reformulated Gasoline - Superclean Unleaded Plus" in St Louis Reformulated Gasoline - "Ameraclean" - 3 unleaded grades in Detroit CNG program in Southwest Wisconsin Joint with Univ of Wis. Also part of Natural Fuels program supply of CNG Service Stations in Colorado.		M8S - Up to 5 Stations in California			-			Late 1991	
Winter Blend in Virginia, Baltimore, Boston, Wash DC, & Spokane WA markets MBS - Up to 25 Stations in California Reformulated Gasoline - Replaces current SUL in LA, San Diego. Will introduce in Houston and Baltimore later this summer. (Delayed Houston & Balt). Reformulated Diesel - 52 Cetane, .035% sulfur, 30% aromatics Reformulated Diesel - 52 Cetane, .035% sulfur, 30% aromatics Reformulated Gasoline - "RXL" leaded in Colorado and Montana Reformulated Gasoline - "Ryperckan Unleaded Grade in Montana "Uliraclean Fleet LPG" for introduction in Midwest. Reformulated Gasoline - "Superckan Unleaded Plus" in Colorado Reformulated Gasoline - "Superckan Unleaded Plus" in St Louis Reformulated Gasoline - "Amerackan" - 3 unleaded grades in Detroit CNG program in Southwest Wisconsin Joint with Univ of Wis. Also part of Natural Fuels program supply of CNG Service Stations in Colorado.		Reformulated Gasoline - Reduced RVP in 40 major markets in SUL and IUL. 5.5% MTBE in NY and LA (premium) markets only.	8.0-8.5	No Spec	No Spec	No Spec	1.0 in NY/LA	Jun-90	Petroscan
MRS - Up to 25 Stations in California Reformulated Gastoline - Replaces current SUL in LA, San Diego. Will Reformulated Gastoline - Replaces current SUL in LA, San Diego. Will Introduce in Houston and Baltimore later this summer. (Delayed Houston & Balt). Reformulated Diesel - 52 Cetane, .035% sulfur, 30% aromatics Reformulated Gastoline - "RXL" leaded in Colorado and Montana Reformulated Gastoline - Regular Unleaded Grade in Montana "Ultraclean Fleet LPG" for introduction in Midwest. Reformulated Gastoline - "Superclean Unleaded Plus" in Colorado Reformulated Gastoline - "Superclean Unleaded Plus" in St Louis Reformulated Gastoline - "Amerackean" - 3 unleaded grades in Detroit CNG program in Southwest Wisconsin joint with Univ of Wis. Also part of Natural Fuels program supply of CNG Service Stations in Colorado.		Winter Blend in Virginia, Baltimore, Boston, Wash DC, & Spokane WA markets	N/A	No Spec	No Spec	No Spec	1:0	Nov-90	Petroscan
Reformulated Gazoline - Replaces current SUL in LA, San Diego. Will introduce in Houston and Baltimore later this summer. (Delayed Houston & Balt). Reformulated Diesel - 52 Cetane, 035% sulfur, 30% aromatics Reformulated Gasoline - "RXL" leaded in Colorado and Montana Reformulated Gasoline - Regular Unleaded Grade in Montana "Uliraclean Fleet LPG" for introduction in Midwest. Reformulated Gasoline - "Superclean Unleaded Plus" in Colorado Reformulated Gasoline - "Superclean Unleaded Plus" in St Louis Reformulated Gasoline - "Ameraclean" - 3 unleaded grades in Detroit CNG program in Southwest Wisconsin Joint with Univ of Wis. Also part of Natural Fuels program supply of CNG Service Stations in Colorado.	000,000	M8S - Up to 25 Stations In California	980.000c					Ongoing	
Reformulated Diesel - 52 Cetane, .035% sulfur, 30% aromatics Reformulated Gasoline - "RXL" leaded in Colorado and Montana Reformulated Gasoline - Regular Uniteaded Grade in Montana "Uliraclean Fleet LPG" for introduction in Midwest. Reformulated Gasoline - "Superrkan Unleaded Plus" in Colorado Reformulated Gasoline - "Superrkan Unleaded Plus" in St. Louis Reformulated Gasoline - "Amerarkan" - 3 unleaded grades in Detroit CNG program in Southwest Wisconsin joint with Univ of Wis. Also part of Natural Fuels program supply of CNG Service Stations in Colorado.		Reformulated Gasoline - Replaces current SUL in LA, San Diego. Will introduce in Houston and Baltimore later this summer. (Delayed Houston & Balt).	8:0	No Spec	No Spec	No Spec	1.0	June-15-1990	Petroscan
Reformulated Gasoline - "RXL" leaded in Colorado and Montana Reformulated Gasoline - Regular Unleaded Grade in Montana "Uliractean Fleet LPG" for introduction in Midwest. Reformulated Gasoline - "Superclean Unleaded Plus" in Colorado Reformulated Gasoline - "Superclean Unleaded Plus" in St Louis Reformulated Gasoline - "Amerackean" - 3 unleaded grades in Detroit CNG program in Southwest Wisconsin joint with Univ of Wis. Also part of Natural Fuels program supply of CNG Service Stations in Colorado.		Reformulated Diesel - 52 Cetane, .035% sulfur, 30% aromatics	*******						
**Ultraclean Fleet LPG* for introduction in Midwest. Reformulated Gasoline - "Superclean Unleaded Plus" in Colorado Reformulated Gasoline - "Superclean Unleaded Plus" in St Louis Reformulated Gasoline - "Amerackean" - 3 unleaded grades in Detroit CNG program in Southwest Wisconsin joint with Univ of Wis. Also part of Natural Fuels program supply of CNG Service Stations in Colorado.		Reformulated Gasoline - "RXL" leaded in Colorado and Montana Reformulated Gasoline - Regular Unleaded Grade in Montana	28 28	នន	2 No Spec	300 No Spec	2.5 in Winter 0.0	O1 1990 June 11 1990	U.S. Oil Week Oxy Fuel News
Reformulated Gazoline - "Superclean Unleaded Plus" in Colorado Reformulated Gasoline - "Superclean Unleaded Plus" in St Louis Reformulated Gasoline - "Amerackean" - 3 unleaded grades in Detroit CNG program in Southwest Wisconsin joint with Univ of Wis. Also part of Natural Fuels program supply of CNG Service Stations in Colorado.	es esta	Ulnaclean Fleet LPG* for introduction in Midwest.	transing	_				Spring 1990	Petroscan
Reformulated Gasoline - "Amerackean" - 3 unleaded grades in Detroit CNG program in Southwest Wisconsin joint with Univ of Wis. Also part of Natural Fuels program supply of CNG Service Stations in Colorado.		keformulated Gasoline - "Superclean Unleaded Plus" in Colorado Reformulated Gasoline - "Superclean Unleaded Plus" in St Louis	8.5 9.0	ឧឧ		8 8	2.0	Mid-Jan 1990 Apr 22 - 1990	
Oktober Control (1)	or years	teformulated Gasoline - "Amerackean" - 3 unleaded grades in Detroit	2,6	ß	No Spec	No Spec	8.	Mar 26 - 1990	Petroscan
	akon katalok k	2NG program in Southwest Wisconsin Joint with Univ of Wis. Also part of Natural vides program supply of CNG Service Stations in Colorado.	*************				***************************************		
UNOCAL CNG program with San Diego Gas. CNG available at a service station by early '91.		ANG program with San Diego Gas. CNG available at a service station by early '91.						22.12.	